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CZECHOSLOVANIA

ZAHRADNIH, R; MICHL, J.

Institute of Physical Chemistry of the Czechoslovak Academy of Sciences, Frague (for both)

Frague, Collection of Czechoslovak Chemical Communications," No 10, 1965, pp 3529-3535

"Tables of Quantum Chemical Data. V. Molecular Orbitals of peri-Condensed Tricyclic Hydrocarbons."

L 31385-66 EWP(1) RM

ACC NR: AP6021090

SOURCE CODE: CZ/0008/66/000/001/0007/0021

AUTHOR: Zahrednik, Hudolf.

50. B

ORG: Institute of Physical Chemistry, CSAV, Frague (Ustav fysikalni Chemie CSAV)

TITIE: Quantum-chemical studies of sulfur compounds This paper was presented at the Symposium for Organic Sulfur Substances held in Liblice from 15 to 17 June 1964.

SOURCE: Chemicke listy, no. 1, 1966, 7-21

TOPIC TAGS: organic sulfur compound, sulfate, conjugate bond system, physical chemistry property, sulfur compound, electron spectrum, chemical reaction kinetics, aromatization, quantum chemistry, heterocyclic base compound

ABSTRACT: The relationship between the theoretical and experimentally found proporties of organic sulfates is discussed. The classical types of conjugated/sulfur compounds are described. Difficulties in predicting properties of organic sulfur compounds are evaluated. The following classes of compounds are discussed in detail: thiocarbonyl compounds, disulfides, sulfur analogues of aromatic conjugated hydrocarbons, sulfoxides, sulfones, and some inorganic substances. The electron spectra, chemical reactivity, physical properties, and formation of aromatic rings are

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4	ACC NR. AP6031469 NW/JW/RW
i i	School CODE: CZ/0008/66/000/02/92/0311
	AUTHOR: Zehradnik, Rudolf
	ORG: Institute for Physical Chemistry, Czechoslovak Academy of Sciences, Frague
	TITLE: Calculations of physical properties and of chemical reactivity of organic compounds [This paper was presented at the Quantum Chemistry Group (Professor PO Lowdin) held in Uppsala on 13 Kay 1964.]
	SOURCE: Chemicke listy, no. 3, 1966, 289-311
101	TOPIC TAGS: quantum chemistry, organic chemistry
	ABSTRACT: Importance of quantum chemistry for interpretation of known facts, and for predicting properties of substances that were not yet studied, and those that have not yet been synthetized are discussed. Electronic structures of organic substances, and Huckel's approximation method of molecular orbits for the study of organic compounds are described. Properties of various compounds determined by the method character of organic compounds are discussed. Use of heats of formation of the aromatic of reactivity of compounds is described. Estimation of stability of organic compounds is discussed. Orig. art. has: 13 figures, 2 formulas and 5 tables.
	SUB CODE: 08 / SUBM DATE: none / CRIG REF: 039 / OTH REF: OILL
	101/1 273/9 December 101/1 273/9

CZECHOSLOVAKILA

ZAHRAINIK, R.; MICHL, J.; KOPECKY, J.

SHI MINE

1. Institute of Physical Chemistry, Czechoslovak Academy of Sciences (for ?); 2. Institute of Industrial Hygiene and Occupational Diseases, Prague (for ?)

Prague, Collection of Czechoslovak Chemical Communications, No 2, Feb 1966, pp 649-648.

"Electronic structure of non-alternant hydrocarbons, their enalogues and derivatives. Part 5: Indacene-like hydrocarbons."

ZAHRADNIK, R.

CZECHOSLOVANIA

PALKANYI, C., ZAHRAINIK, N.

Institute of Physical Chemistry, Czochoslovak Academy of Sciences, Prague - (for both).

Frague, Collection of Csechoslovak Chemical Communications, No. 12, December 1965, pp 4287-4296

"Physical properties and chemical reactivity of alternant hydrecarbons and related compounds. Fast 9: Anodic, exidation of derivatives of benzenoid hydrocarbons."

(For the 75th birthday of Academician J. Heyrovsky).

ZAGRADNIK, R. [zahradnik, R.]; KHVAPIL, M. [Chvapil, M.]; VOSTAL, Ya. [Vostal, J.]; TEYSINGER, Ya. [Teisinger, J.]

Toxicity of alcohols and potassium salts of alkylxanthogenic acids. Farm. i toks. 25 no.5:618-622 S-0 '62 (MIRA 18:1)

1. Institute of Industrial Hygieme and Occupational Diseases, Prague.

ZAHRADNIK, R.; PARKANYI, C.

An HMO study of naphthothiophenes, naphthobenzothiophenes and phenanthrobenzothiophenes. Coll Cz Chem 30 no.1:195-207 Ja '65.

1. Institute of Physical Chemistry of the Czechoslovak Academy of Sciences, Prague. Submitted May 18, 1964.

ZAHRADNIK, R.; PARKANYI, C.

Physical properties and chemical resctivity of alternant hydrocarbons and related compounds. Pt.8. Coll Cz Chem 30 no.2:355-379 F 165.

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1. Institute of Physical Chemistry of the Czechoslovak Academy of Sciences, Prague. Submitted June 29, 1964.

ZAHRADNIK, R.; MIGHL, J.

Electronic structure of non-alternant hydrocarbons, their analogues and derivatives; introductory remarks. Coll Cz Chem 30 no.2:515-536 F '65.

1. Institute of Physical Chemistry of the Czechoslovak Academy of Sciences, Prague. Submitted September 4, 1964 and June 18, 1964.

ZAHRADNIK, R.; MICHL, J.; KOUTECKY, J.

Tables of quantum chemical data. Pt.2. Coll Cz chem 29 nc.8: 1932-1944 Ag *64.

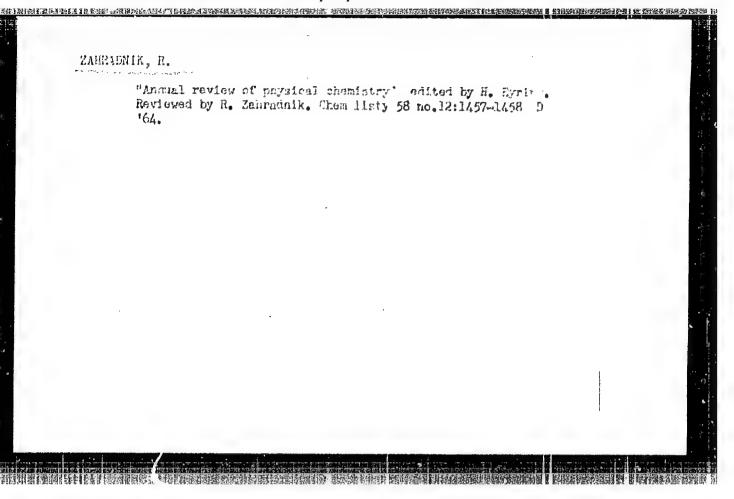
经证据,这种的人,但是是这种的人,但是是是一个人,我们是是一个人,我们是是一个人,我们是是一个人,我们是是一个人,我们是这一个人,我们是一个人,我们就是一个人,我们

1. Institute of Physical Chemistry, Czechoslovak Academy of Sciences, Prague.

ZAH GADNIK, R.; MICHI, J.; KOUTECKY, M.

Tables on quantum chemical data. Pt. 3. Coll /z Chem 29 no.12:3184-3210 D '64.

1. Institute of Physical Chemistry of the Czechoslovak Academy of Sciences, Prague.



ZAHRADNIK, S.

"Comparing the economy of fuel consumption in boilers when changed from coal to pas."

p. 246 (Energetika, Vol. 8, No. 6, June 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI(LC, Vol. 7, No. 9, September 1968.

ZAHRODUICEK, O

ZAHRODNICEK O.

Indikace than to the rapis v dermateurene relegion. /Indications for tissue therapy in dermatelogy and vendorology/ Cask. derm. 26:4-5 /pr-Ma 51 p. 202-8.

1. Of the Dernatologicall Clinic of the Medical Faculty of Charles University Branch in Pilsen (Head-Docent V. Essl. M.D.).

ZVONAR, Vladimir; ZAHRADNIKOVA, Anna
Simple method for determining contact angles. Shem prun 15 no.4: 242-244 Ap '65.

1. Research Institute of Synthetic Resins and Lacquers, Pardubice. Submitted December 17, 1964.

ZAHRADNIKOVA, K.

"Activities of the most important botanical institutes in the Chinese reopie's Republic."

p. 70 (Biologia, Vol. 13, no. 1, 1958, Praha, Czechoslovakia)

Monthly Index of East Suropean Accessions (EEAI) 10, Vol. 7, no. 9, September 1958

JASOVICOVA, Maria; ZAHRADNIKOVA, Kamila

Distribution and stand conditions of Cladium mariscus (L.) Pohl in southern Slovakia. Biologia 15 no.6:415-420 *60. (BIAI 9:10)

1. Biologicky ustav Slovenskej akademie vied, Oddelenie goobotaniky a systematiky rastlin, Bratislava.
(SLOVAKIA--CLADIUM MARISCUS)

RUSIL, J.; Technicka spoluprace: ZAHRADMIKOVA, V.; ZINKEOVA, J.

Effect of Na nitrite in long-term experiments. Pt.1.
Cesk. hyg. 10 no.10:589-597 D *65.

1. Ustav hygieny, Praha.

ZAHRADNIKOVA-ROSETZKA, K

Occurrence in the Trnava area of weeds in crops which require heeing. p. 277

Vol. 10, no. 3, 1955 BIOLOGIA Bratislava, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, April 1956

ZAHRADNIKOVA-ROSETZKA, K.

A contribution to studies of the flora in the Demanova valley.

p. 5 (BIOLOGICKE PRACE) Vol. 3, no. 4, 1957, Bratislava, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958

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KOCISKOVA, D.; STYK, B.; HAMA, L.; technical assistance: VARCO, K.;

ZARUMERSKA, B.

The relation of properdin and complement to the thermoinbile cofactor of normal serum necessary for the reaction of specific antibody with influenza A2 virus. Acta virol. Engl. Ed. Pruha 5 mo.l: 19-25 Ja 161.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(IMPLIESZA VIRUSES immunol)

(COMPLEMENT)

(PROPERDIN)

RATHOVA, V.; KOCISKOVA, D.; tedhnika spolupraca VANCO, K.; ZAHFAGNSKA, B.

A INTELEMENT OF THE PROPERTY O

Antibody response after different modes of administration of influenza viruses group as in some laboratory animals and the effect of different methods of removing non-specific inhibitors on the titer of specific antibodies in their sera. Cesk. epidem. mikrob. imun. 10 no.3:170-175 '61.

1. Virologicky ustav CSAV v Bratislave.
(INFLUENZA VIRUSES immunol.)

KERTESZ, Tibor, dr.; ZAHUMENSZKY, Eleme:, dr.

Unusual foreign body in the rectum. Magy. sebesz. 16 no.1:72-74 Mr 163.

1. Az Orvostovabbkepzo Intezet Sebeszeti Osztalya.
(FOREIGN BODY) (RECTUM) (HOMOSEXUALITY)

HAAS, Peter: ZAHUHERSZEY, Elemer

Cancer of the stomach following gastrectomy and gastroenteroanastomosis for peptic ulcer. Orv hetil 95 no.15:416-420 Ap '54.

1. A Szabolcs-utcai Allami Korhaz (igazgato:Doleschall Frigyes dr.) Sebeszeti Osztalyanak (foorvos: Kolnar Bela dr., az cryostudomanyok kandidatusa) kozlemenye.

(STOMACH, neoplasms

*after gastrectomy & gastroeuteroanastomosis for peptic ulcer)

(PEPTIC ULCER, surg.

*gastrectomy & gastroentercanastomosis, compl., cancer)

TALLIAN, Ferenc, dr.; MOLNAR, Antal, dr.; ZAHUNENSZKY, Elemer, dr.

Obstructive jaundice occurring at the last stage of pregnancy. Orv. hetil. 105 no.42:1994-1995 0 18 *64.

在中国中国的主义的主义,是是一个人,这一个人,这一个人,这一个人,这个人,这个人,这个人,这个人,这个人,这个人,我们是一个人,我们们们们们的一个人,我们们们们

1. OTKI II. Szuleszeti-Nogyogyaszati, III. Belgyogyaszati- es Sebeszeti Tanszek.

HERCSEG, Tibor, dr.; ZAHUMENSZKY, Elemer, dr.

Intra-operative address delivered by the late professor Bels. Molnar. Orv. hetil. 105 no.35:1648-1653 Ag 30 464.

ZAHUMENSZKY, Jozeef

Conference on the current questions of vegetable and fruit transportation. Kozleked kozl 20 no. 24: 396 14 Je 164.

在在技术的特别的主要各种企业,在自然发现的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业企业的企业企业的企业企业企业的企业企业企业的企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业

1. Division chief, General Directorate of Automobile Transportation, Budapest.

Zahthenszky, Jozsef Tasks of the Ministry of Transportation and Posts in the field of directing merchandises and dispatches in relation to a better use of public and commercial motor vehicles. Kozleked kozl 18 no.1:6-8 Ja 162.

ZAHUMENSZKY, Jozsef

Task of the persons responsible for forwarding and the motor vehicle drivers of public and specific transportation enterprises in connection with a better utilization of trucks. Kozleked kozl 18 no.3: 34-36 Ja '62.

(Hungary-Transportation, Automotive)

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DESI, Illes, BALOGH, Attila, ZAHIMENEZKY, Zille, KOVACS, Ferenc; Medical University of Budapest, Neuro-Pathophysiological Laboratory of the Pathophysiological Institute (Budapesti Orvostudomanyi Egyetem, Korelettani Intezetenek Idegkorelettani Laboratoriuma).

"Effect of Aromatic Hydrocarbons on the Frequency of Cerebrocortical Strychnine-Spike Bursts."

Budapest, Kiserletes Orvostudomany, Vol XVIII, No 4 Aug 66, pages 410-417.

Abstract: [Authors' Hungarian summary] The central nervous systemic effects of benzene and xylene were studied. The method involved observation of changes in the frequency of spike bursts evoked by the placement of strychnine on the exposed cerebral cortex. The data obtained suggest the possibility that, when administered acutely into the organism (in 0.7 ml/kg amounts), benzene and xylene also attack some point in the brain stem in addition to their cortical paralyzing effect. 6 Eastern European. 12 Western references. [Manuscript received 24 Aug 65.]

1/1

RUMANIA

TKADLECEK, L.; IURASCOVA, V.; DOSTAL, M.; and ZAHVEI, I. [Affiliations not shown], (Socialist Republic of Czechoslovakia)

"A Study of the Protective Affect of Cystamine on Hemopolesis in Irradiated

Buchardst, Revista Sanitara Hilitara, Special No., 1965, Vol 16, pp 384-389

Abstract: Study on rats irradiated with 470, 575, 680 and 780 r of Co⁶⁰, 15 minutes following 120 mg/Kg of cystamine intraperitoneally; two additional similar experiments; in all, the drug reduced the adverse affect of radiation exposure on the number of residual homopolists colonies in the spleen. Photograph of spleen specimens, 3 graphs.

1/1

ZAHZRIANI, C.

Two kinds of weeds in rice fields, new flora in Rusaria.

p. 827. ACADENIA REPUBLICH POPULARE HOMANG. Rumania

Vol. 5, No. 5, May 1955

East European Accessions List (EEAL) Library of Congress

Vol. 5, No. 11, August 1956

19.42年14至18月3日,企业19月3日,19月3日,19月3日,19月3日,19月3日,19月3日,19月3日,19月3日,19月3日,19月3日,19月3日,19月3日,19月3日,19月3日,19月3日,19月3日 19月3日 - 19月3日,19月3日 - 19月3日 -

ZAIG. M.

SO:

Creosote iel and its importance for wood preservation. p. 3. (Hempre-bilten, Vel. 7, Ne. 1, 1957, Beograd, Yugsolovia)

Monthly List of East European Accessions (REAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

SIKITA, B. [Sikyta, B.]; ZAICHEK, I. [Zaicek, J.]

Biosynthesis of erythromycin in pilot plant fermenters. Antibiotiki 8 no.12:1067-1070 D '63. (MIRA 17:10)

III. IRITITA ALABAM TETETU ALEBAM TETETU TETE

1. Nauchno-issledovatel'skiy institut antibiotikov, Roztoki pod Pragoy i Biotika, natsional'noye predpriyatiye, Slovenska Lupcha, Chekhoslovatskaya Sotsialisticheskaya Respublika.

1, 09 (39-67 EMP(3)/MM*(m) HOURER CODE: VIL/0317/66/000/005/0056/0057 AP6027524 ACC NIG AUTHOR: Zaichek, K. ORG: None Lacquer protective coating TITLE: SUURCE: Tekhnika i vooruzheniye, no. 5, 1966, 56-57 paint, lacquer, Varnish / 23-0513 lacquer TOPIC TAGS: AUSTRACT: The use of less expensive water-soluble lacquer paints is briefly discussed. For experimental testing a 23-0513 lacquer was used for laying a 30-micron first coat by means of two preumatic sprayers of 4 and 115 atm. The results were satisfactory in both cases. It is mentioned that this lacquer paint requires a longer time for evaporating volatile components before hot drying. A period of 30 min is needed for evaporation of about 70% of volatile substances. A convection method of heating in usually applica-The heating by infrared rays is less offective for water-soluble lacquer paints. The advantages of the eventual use of electrophorosis processes for water-woluble lacquer paints is stressed. SUB CODE: 11/ SUBH DATE: None

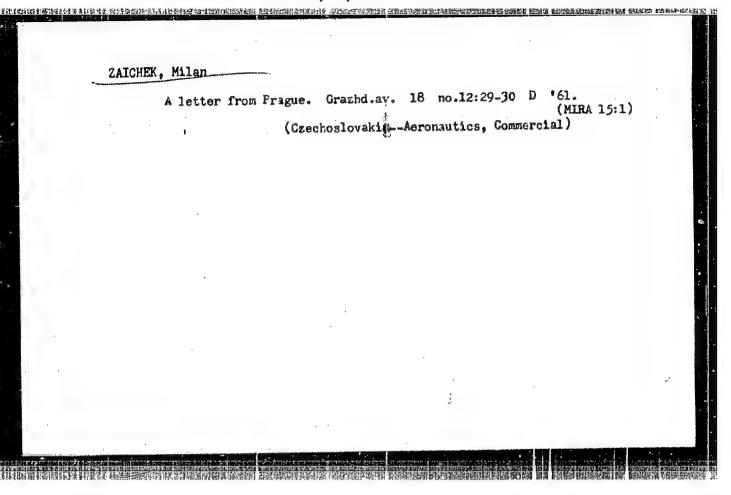
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ASANDEI, G., ing.; ERDELYI, A., ing.; NECUIAU, Gh., ing.; ZAICESCU, D., ing.

THE ROLL OF THE RESERVE OF THE RESERVE OF THE PROPERTY OF THE

Construction site office made of reinforced concrete prefabricated elements. Rev constr si mat constr 15 no. 12: 643-646 D *163.

 I.S.C.M. Onesti a Ministerului Industriei Petrolului si Chimiei.



ZAICHENKO, A. R., inzh.; ZOLOTAREVSKAYA, M. V., inzh.

Perlite concrete insulating slabs based on elag cement. Stroi.
mat. 8 no.9:27 S '62. (MUR: 15:10)

(Lightweight concrete) (Concrete slabs)

ZAICHENKO, A.R., inzh.; PURGA, S.S., inzh.

Cooling discharge areas. Stroi. mat. 10 no.5:31-32 My '64.
(MIRA 17:9)

ZAICHENKO, I. (Minuk)

Transported Secretarian Commander or dispatcher? Grazid.av. 20 no.11:26 N '63. (MIRA 17:2)

ZAICHENKO, I., arkhitektor; MIGAI, I. [Mynai, I.], arhitektor

Projects for the planning of villages were worked out by volunteers. Sil'.bud. 12 no.9:13-14 S '62. (HIRA 15:11)

(Dnepropetrovsk Province—City planning)

ZAICHENKO, I. R., arkhitektor

Planning settlements at stations with depot facilities. Transp. stroi. 13 no.4:60-62 Ap '63. (MIRA 16:4)

(City planning)

(Railroads—Buildings and structures)

S/261/62/000/016/002/003 I007/I207

AUTHOR:

Zaichenko, Yu. V.

TITLE:

Modernization of 5H-5X 2 (5N-5Kh 2) and 5H-5X 4 (5N-5Kh 4) centrifugal pumps

PERIODICAL:

Referativnyy zhurnal, otdel'nyy vypusk. 34. Kompressory i kholodil'naya tekhnika, no. 16,

1962, 8, abstract 341651. (Novosti neft. i gaz. tekhn. Nefteoborud. i sredstva avtomatiz.,

no. 5, 1961, 29-31)

TEXT: In order to improve the performance of centrifugal pumps of the 5H-5X 2 (5N-5Kh 2) and 5H-5X 4 (5N-5Kh 4) type, the Nal'chik mashino-stroitel'nyy zavod (Nal'chik Machinery Plant) replaced the sliding-contact bearings by rolling-contact (antifriction) bearings. This made it possible to increase the mechanical efficiency, to reduce the distance between the pump-shaft supports, and hence the shaft length and pump size. This resulted in increased service life of the packings and higher delivery of the pumps.

[Abstracter's note: Complete translation.]

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Demonstration of technical uses of semiconductors. I 20 no.5:73 S-0 *60. (Semiconductors)				13:11)

ZAICHKINA, L.I.

Internal control in some large pharmacier. Apt. delc. 12 mo.2:
18-23 Mr-Ap '63.

1. Pyacigorekiy farantsev::cheskiy institut.

EAICHKINA, T.S. Enlarged session of the Presidium of the Administration of the All-Union Society of Neuropathologists and Psychiatrists and the

All-Union Society of Neuropathologists and Psychiatrists and the editors of "Ehurnal neuropathologii i psikhiatrii imeni S.S.Korsa-kova." Zhur. neiv. i psikh. 54 no.9:810-812 S '54. (MIRA 7:9) (PSYCHOLOGY PATHOLOGIC--PERIODICALS)

ZAICHKINA, T.S.

Clinical characteristics and hormonal changes in so-called menstrual epilepsy. Vop. psikh. no.4:106-116 '60. (MENA 15:2) (MENSTRUATION)

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1 33425-66 EV.T (m) / EWP(t) / ETT IJS OF CE CODE: OK. ACC NR. AROUT 2428 AUTHOR: Zaichko, L. F.; Zakharov, N. S. Mordvinova, V. D. AUTHOR: Zaichko, L. F.; Zakharov, N. S. Mordvinova, V. D. TITLE: Determination of antimony microconcentrations in bigh-purity TITLE: Determination of amalgan polarography with accumulation
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ZAICHKO, L.F.; ZAKHAROV, M.S.

Method of amalgam polatography with storage. Report No. 1: Polarographic behavior of antimony. Zhur. anal. khim. 21 no. 1:65-69 166 (MIRA 19:1)

1. Tomakiy politekhnicheskiy institut imeni Kirova.

ZAICHKO, L. F.

The Second All-Union Conference on the Preparation and Analysis of High-Purity Elements, held on 24-28 December 1963 at Gorky State University im. N. I. Lobachevskiy, was sponsored by the Institute of Chemistry of the Gorky State University, the Physicochemical and Technological Stry of the Gorky State University, the Physicochemical and Technological Department for Inorganic Materials of the Academy of Sciences USSR, and the Gorky Section of the All-Union Chemical Society im. D. I. Mendeleyev. The opening address was made by Academician N. M. Zhavoronkov. Some 90 papers were presented, among them the following:

P. V. Kristalev and L. B. Kristaleva, Yu. L. Lel'chuk and others; L. F. Zaichko, M. S. Zakharov, and V. F. Yankanskas. Methods for determining iron (10⁻⁵ tc 10⁻⁶%), boron (5 x 10⁻⁵%) and phosphorus (10⁻⁶%), also antimony in tin.

(Zhura. ANAL. Khim. 19 NO.6, 1964 p. 777- 79)

STROMBERG, A.G.; ZAKHAROV, M.S.; GORODOVYKH, V. Ye.; ZAICHKO, L.F.

Determination of the ultramicroimpurities of sinc, lead, and copper in high purity tin by analgam polarography. Zav.lab. 27 (MIRA 14:5) no.5:517-521 '61.

1. Tomskiy politekhnicheskiy institut. (Zinc—Analysis) (Lend—Analysis) (Copper—Analysis)

ZAIDEL, A.

"Isotopic spectrum analysis of lead."

MATEMATICKO-FYZIKAINY CASOPIS, Bratislava, Czechoslovakia, Vol. 9, no. 1, 1959

Monthly List of EAST EUROPEAN ACCESSIONS INDEX (EEAI), IC, Vol. 3, No. 7, July, 1959

Unclassified

ZAIDEL, Traian, ing.-sef

Two essential concerns. Constr Buc 16 no.74212 28 March 1964.

1. Fabrica de caramizi, Roman.

TUSTANOVSKIY, A.A.: ZAIDES. A.L.; BANGA, Ilona, a biologiai tud.doktora; ORLOVSKAYA, G.V.

是我们的主义,这个是一个人的人的人,这个人的人的人,这个人的人,他们也没有一个人的人,他们也没有一个人的人,这个人的人的人,这个人的人的人,我们就是一个人的人的

Comparative data of metacollagen and collastromine. Biol orv kozl (EMAI 10:5) MTA 11 no.4:457-465 *60.

1. Moszkvai Reumakutato Intezet, Koszkvai Kozponti Borkutato Intezet, Budapesti Orvostudomanyi Egyetem I. Korbonetani es Kiserleti Rukkutato Intezet.

(COLLAGEN)

(COLLASTROKIN)

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ZACHAREWICZ, Witold; UZAREWICZ, Arkadiusz; ZAIDIEWICZ, Marek

On boronylation-explation of 1,3-dimethyl-1-ethyl-cyclohumadiene-3,5... Rocz chemii 36 no.2:367-368 '62.

1. Katedra Chemii Organicznej, Universytet im. M. Kopernika, Torun.

s/081/62/000/021/013/069 B156/B101

AUTHORS :

Zacharewicz, Witold, Uzarawicz, Arkadinaz, Zaidlewicz, Marek

TITLE:

The hydroboration and exidation of 1,3-dimethyl-1-ethyl-cyclo-

hexa-3,5-diene

Referativnyy zhurnal. Khiniya, no. 21, 1962, 140, abstract 21Zh92 (Roczn. chem., v. 36, no. 2, 1962, 367 - 368 [Pol.;

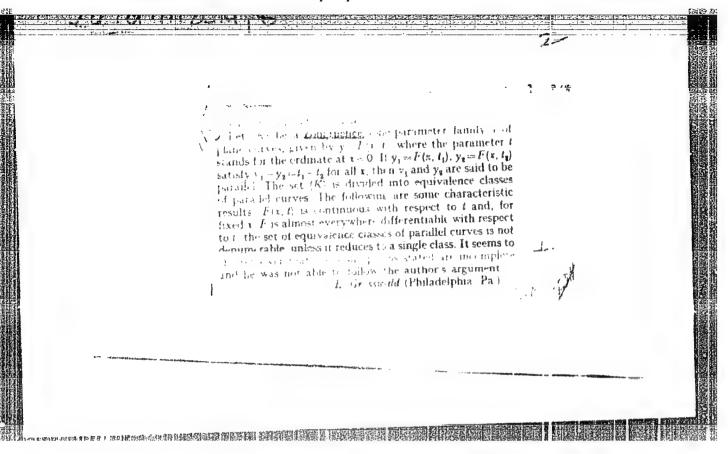
summary in French)

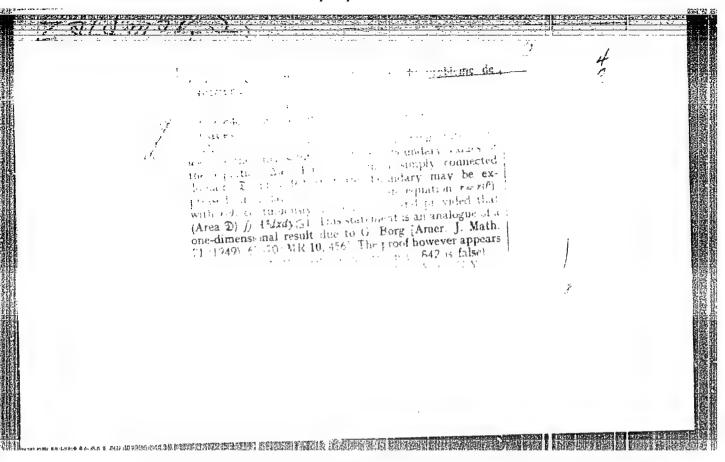
TEXT: A new unsaturated C 10H180 alcohol of unknown structure has been produced by the action of B2H6 on 1,3-dimethyl-1-ethyl-cyclohexa-3,5-diene (I) followed by exidation. Over a period of 4 hours, 2.35 g of B2H6 are passed through 0.5 moles I dissolved in 200 ml of ether, in No atmosphere (at 0°C). The ether is distilled off in vacuo, 30 ml water, and then a mixture of 70 ml 30 % H202 and 60 ml of 3 N HaOH are added; (16H180 is

extracted from the reaction mixture with other; its bolking point is

Card 1/2

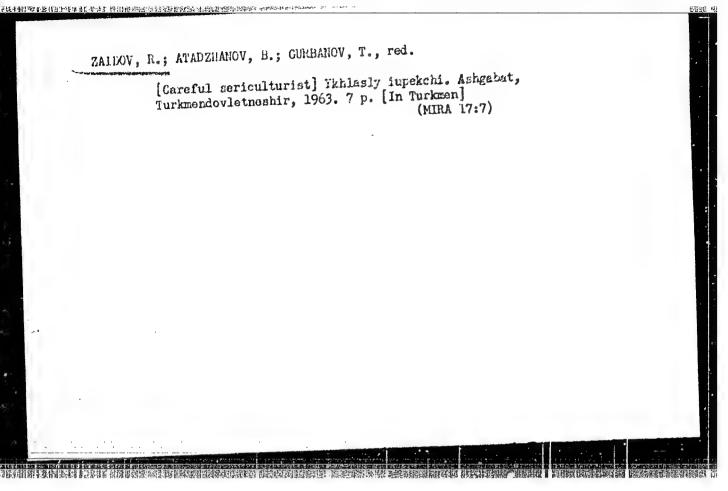
11812-66 ACC NR AP60	1696	(N)	SOURCE CODE:	PO/0099/66/04,0	/003/0437/0443 17	
UTHOR: Zaid	ewicz, Karekj	Uzarewicz, A	rkadivan; Zachare	wicz, Witold	B	
IRG: Danartme		Chemistry, N	. Copernieus Univ		Katedra Chemii	
TILE: Action	n of selenium	dioxide on 1,	3-dimethyl-l-eth;	71-cyclohexa dien	e-3,5	
•			atis chimicas pol			
						1
	selenium compo					
ABSTRACT: The	action of section of seconducts: (1) to compounds. (2)	lenium dioxid he mixture of Drig. art. had	te on 1,3-dimethy 1,3-dimethyl-2- 1 table. (Ba	sed on authors	Eng. abst.]	
ABSTRACT: The yields two pro- selenoorganic	e action of secoducts: (1) to compounds. (2)	lenium dioxid he mixture of Drig. art. had	le on 1,3-dimethy	sed on authors	Eng. abst.]	
ABSTRACT: The yields two pro- selenoorganic [JPRS: 36,000	e action of secoducts: (1) to compounds. (2)	lenium dioxid he mixture of Drig. art. had	te on 1,3-dimethy 1,3-dimethyl-2- 1 table. (Ba	sed on authors	Eng. abst.]	
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ABSTRACT: The yields two pro- selenoorganic [JPRS: 36,000	e action of secoducts: (1) to compounds. (2)	lenium dioxid he mixture of Drig. art. had	te on 1,3-dimethy 1,3-dimethyl-2- 1 table. (Ba	sed on authors	Eng. abst.]	

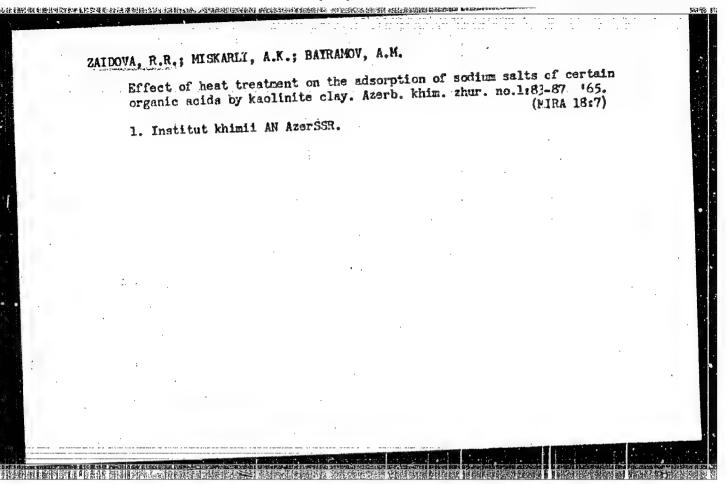




"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963420019-6





ZAIDOVA, R.R.; MISKARLI, A.K.; BAYRAMOV, A.M. Effect of sodius salts of some amino and hydroxy acids on the heat resistance of aqueous suspensions of kaolinite

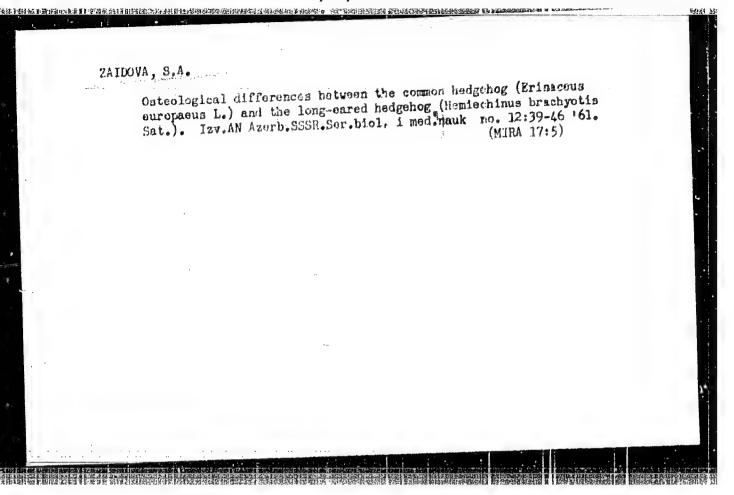
olays. Dokl. AN Azerb. SSR 20 no.12:9-14 164. (MIRA 18:4)

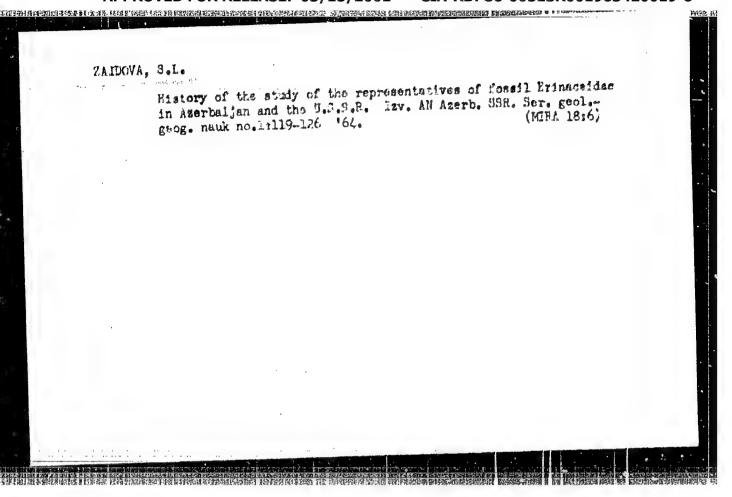
1. Institut khimii AN AzerbSSR.

MISKARLI, A.K.; ZAIDOVA, R.R.

Effect of a surface-active medium on the thermostability of aqueous dispersions of kaolinite clay. Dokl. AN Azerb. SSR 20 no.9:17-22 '64. (MIRA 18:1)

l. Institut khimii AN AzerSSR. Predstavleno akaćemikom AN AzerSSR M.F. Nagiyevym.



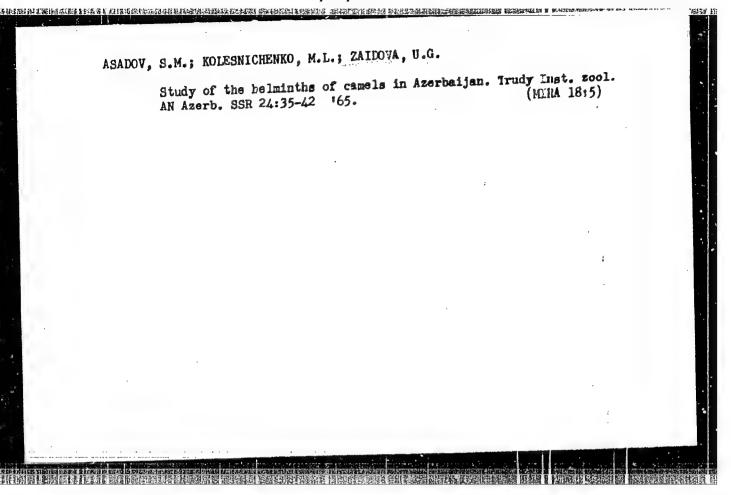


ZAIDOVA, S. L.

Remains of the hedgehog (Erinaceus europaeus L.) from the Heolithic in the Crimea. Dokl. AM Azerb. SSR 16 no.2:161-165 160.

(KERA 13:8)

1. Institut zoologii AH SSSR. Predstavleno akademikom AH Azerbaydzhanskoy SSR A.H.Derzhsvinym. (Grimea—Hedgehogs)



ZATESKI, Boguslaw; RUDOBIELSKA Maria

K case of partial gigantism. Pat. Pol. 16 no.1:109-112 Ja-Kr*65.

1. Z Kliniki Chorob Dzieci Akademii Medycznej w Bialynstoku
(Kierownik: zast. prof. lek. med. Andrzej Kanski).

ZAIGRAYEV, S.A.

Ritrogen requirements of corn. Agrokhimita no.4:144-149 ip 164.

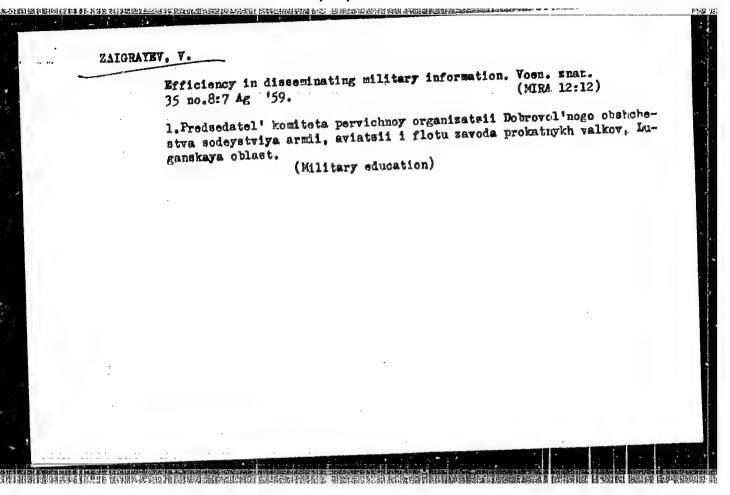
(Mira 17-20)

1. Leningradskiy seliskokhozyaystvennyy institut, kafedra
fiziologii rasteniy.

ZAIGRAYKIN, M.I., inzh.; OBUKHOV, L.H., inzh.; TITKIN, H.K., stare'niy doroshnyy

More about removal from switches. Put! i put.khoz. 4 no.11:16-19
N *60.

(Railrosds—Snow protection and removal)



TURSUNOV, G. (RIGAZA - Tashkent); POPOV, V. (Ashkhabad); ZAIGROVA, S. (Ryagan'); IAIGORODOVA, Yu. (RA9CES - Sverdlovsk)

Youth is on the air. Radio no.1:24-25 Ja '60.
(KIRA 13:5)

(Radio clubs) (Amatsur radio stations)

ZAIKA, A.A.

Zaika, A.A. and Litvak, V.I.

120-4--22/35

. AUTHORS: An Automatic Polarimeter (Avtomaticheskiy polyarimetr)

TITLE:

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1957, No.4, pp. 78 - 81 (USSR).

The operation of the polarimeter (type CA-1) is based on the relationship between the rotation ($\Delta \phi = \alpha lc$) of the ABSTRACT: plane of polarisation of light and the concentration c of the investigated optically-active material for given values of the thickness l of the solution layer and the specific rotation α of the material. rig.l shows the block diagram of the polarimeter. Light from a 100 W electric lamp passes through a double-lens condenser to a polariser. The intensity of the plane polarised light is caused to vary sinusoidally (50 c.p.s.) by a magnetic-optical modulator and passes through a light filter, a polarimetric tube with the investigated substance, a quartz compensator, and analyser, and then to a photo-cell which converts the light intensity variations into an alternating current. The compensator consists of two quartz prisms: one fixed (left-hand rotation), and the other movable (right-hand rotation). To correct for refraction, a glass prism is inserted between the two quartz prisms.

An Automatic Polarimeter.

120-4-22/35

The polariser and the analyser are made from polaroid film so that in the absence of an optically-active solution in the polarimetric tube, no light reaches the photo-cell. When the solution is introduced between the polariser and the analyser, light falls onto the photo-cell and its intensity depends on the angle of rotation of the plane of polarisation due to the solution. This rotation is compensated by automatic rotation of the movable quartz prism, which is servo-controlled by the phase and frequency of the photo-cell output current. The reading is obtained from projection of the scale which is directly attached to the movable prism. Fig. 3 shows the light intensity and photo-cell current oscillations for different rotation angles. Fig. 4 is a photograph of the apparatus. Constructional and operating details are given. The instrument measures from -40 to + 100 S ± 0.1 S. There are 3 figures and 2 Slavic references.

ANT TO HER WALLES BEBER 1937 BEFORE THE BOLLES WE THAT IS A SECTION OF THE SECTIO

ASSOCIATION: Kiev Control-measuring Equipment Factory

(Kiyevskiy zavod kontrol'no-izmeritel'nykh priborov)

SUBMITTED: January 31, 1957.

AVAILABLE: Library of Congress

Card2/2

ZAIKA, A.A., kand. ekonomicheskikh nauk; SHCHAVELEV, D.S., doktor tekhn. nauk (Leningrad)

中国科研系统制制制度设置起来是科特的创办科学的技术的经济中央的企业的经济和共和国的经济的企业的企业。

Mothodology for determining the economic efficiency of hydroelectric power stations. Elektrichestvo no.7:76-79 Jl '62. (MIRA 15:7)

l. Kiyevskiy ordena Lenina politekhnicheskiy institut (for Zeila).
(Hydroelectric power stations)

ZAIKA, A.A., kand. ekonom. nauk; KORYTNYY, S.A., inzh.; SHMUSHKISI, M.S.

的社会目标和处理和主要企业工程全域的经过和规划的支持。它也是是否可以达到企业的经验是多种关键的代表的进程(这一定的运动的对理)是可以企业的国际工程的企业和企业和

Improvement of the keeping of production records and calculation of production costs in electric power enterprises. Elek. sta. (MIRVI 16:7)

(Electric power production-Accounting)

VOLOBRINSKIY, S.D., kand.tekhn.nauk, dotsent; ZAIKA, A.A., kand.ekonom. nauk, dotsent

A scientific and technical conference on present trends and the technological and economic calculation methods in designing industrial power distribution networks. Elektrichestvo no. 3: 94-96 Mr '64.

ZAIKA, A.A., kand, ekonom. nauk

Evaluation of power not delivered to consumers due to meakdown
of distribution systems. Prom. energ. 20 no.2:22-26 (MIRA 18:4)

ZAIKA, A.A.; ZHIZHCHENKO, F.N.

Measures undertaken to improve the working conditions of the operating staff of thermal electric power plants. Energ. 1 (MIRA 18:11) elektrotekh. prom. no.3:69-72 Jl-S '62. (MIRA 18:11)

1. Kiyevskiy politekhnicheskiy institut (for Zaika). 2. Kiyevskaya teploelektrotsentral' No.3 (for Zhizhchenko).

ZAIKA, A.A., kand. ckenom. nauk

Special features and operational methods of a volunteer design bursau and economic analysis in electric power plants, Elek. sta 36 no.4:43-45 ap 165. (NIBA 18:6)

KOBIN'OK, Yu.D. [Kohyn'ok, IU.D.]; ZAIKA, A.A.

Refractometer for measuring dough moisture. Khar. pros. no.1;
(MIRA 18:4)

ZAIKA, A.A

Zaika, A.A., and Litvak, V.I.

115-5-30/44

AUTHORS:

TITLE:

Objective-Glass Polarimeter with Automatic Aijustment (Cbyektivnyy polyarimetr s avtomaticheskoy nastrcykoy)

PERIODICAL:

"Izmeritel'naya Tekhnika", No 5, Sep-Oct 1557, pp 69-72 (USSR)

ABSTRACT:

The subject photoelectric objective-glass polarimeter with automatic setting, for use in the sugar industry, was designed by Kiyev Plant of Control Gages (Kirevskiy zavod kontrol'no-izmeritel'nykh priborov) on suggestion of Engineer V.I. Kudryavtsev. The first unit of this instrument, called "sakharimetr CA" was shown at the 1956 All-Union Industrial Exhibition. A second improved model, demonstrated at the 1957 All-Union Industrial Exhibition, is now being produced by the same Kiyev plant. The design and operation of the instrument is described in full detail. It represents a photoelectronic optical device, the optical portion of which consists of a polarimeter and a projection system, and the electrical portion consists of an indicator, a follow-up system, an amplifier, feed blocks, and a reversible electric motor. The scale is graduated in degrees of the international sugar scale. The readings show directly the weight per cent of saccharose in the investigated medium. The measurement

Card 1/2

THE PERSON OF THE PROPERTY OF THE PERSON OF

Objective-Glass Polarimeter with Automatic Adjustment

115-5-30/44

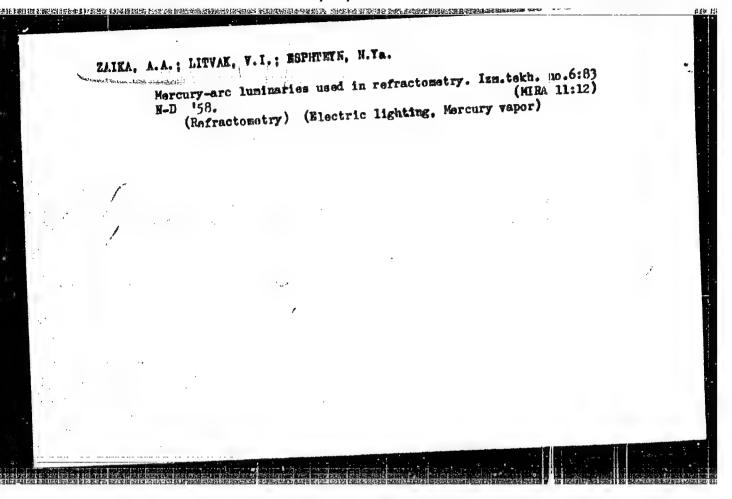
error is claimed to be less than with the existing conventional visual instruments. Its high sensitivity (C.05° S, or 0.017 circular degree) and accuracy make the instrument applicable also for checkups of other saccharimeters, of quart: tablets, or of cover glasses of polarimeter tubes for absence of inner

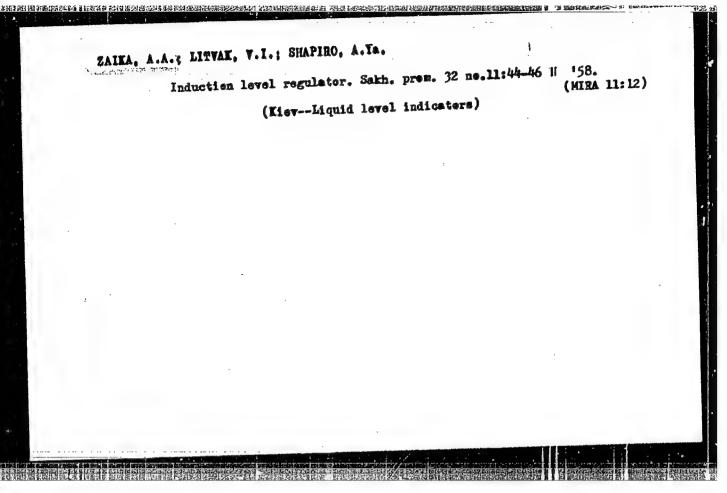
The article contains 1 photograph and 2 diagrams.

AVAILABLE: Library of Congress

Card 2/2

Industrial optical sacchariseter with automatic adjustment. Salth. pron, 31 no.5:25-27 ky '57. 1. Kiyevskiy saved kontrol'no-izmeritel'nykh priborev. (Saccharimeter)





ZAIKA, A.A.; LITVAK, V.I.; SHAPIRO, A.Ta.

The RU-type induction liquid-level regulator used in versols.

Biul.tekh.-ekon.inform. no.12:47-48 '58. (MIM. 11:12)

(Liquid level indicators)

ZAIKA, A.A.; LITVAK, V.I.; SHAPIRO, A.Ya. Induction regulator of liquid level in the apparatus. Kons. d ov. prom.

的体制,因此是否的问题,就是不是1918的更好。不是这种的话题中的话题中的话题的是一个,但是这种的话题,但是这种的话题,但是是1918年,他们就是1918年,他

14 no.2:25-26 7 '59.

1. Kiyevskiy zavod radiopriborov (for Zaika). 2. Kiyevskiy savod kontrol'no-izmeritel'nykh priborov (for Litvak, Shapiro).
(Liquid level indicators)

SOV/115-58-6-33/43

AUTHORS:

Zaika, 1.4., Litvak, V.I., Epshteyn, H.Ya.

TITLE:

A Mercury Illuminator in Refractometry (Rtutryy osvetitel: v refraktometrii)

PERIODICAL:

Izmeritelinaya tekhnika, 1958, Nr 6, p 83 (USSR)

ABSTRACT:

A quantitative analysis of solutions is mostly made by the refractometric method, in which the refraction index of the solution depends on the quantity of dry matter dissolved in it. The refraction index depends also on the wave length it. The refraction index depends also on the wave length of the monochromatic light used. Usually, the spectral line of sodium is employed. For higher precision a shorter wave length such as that of mercury is used. A mercury lemp has been developed which is contained in a glass bulb and is equipped with a light filter for the mercury line. The lamp is of the type PRK-4. The device indicates dry substances in solutions with an accuracy of 0.1 %. There is I table.

Card 1/1

ZAIKA, A.A.; SIN'EDV. V.M.

Conference on economics of heat and electric power production.

Conference on economics of heat and electric power production.

(Elek.ata. 29 no.8:94-96 kg '58.

(Power engineering—Congresses)

(Power engineering—Congresses)

2 / / KA Carlos Carlos

AD P - 3237

Subject

: USSR/Electricity

Card 1/1

Pub. 29 - 22/30

Author

: Zaika, G. A., Eng.

Title

: Direct starting of a synchronous electric motor

Periodical

: Energetik, 8, 24-25, Ag 1955

Abstract

The author describes the arrangement for direct starting of a 1300-kva, 6000-v, 1500-rpm synchronous motor of the ISP-116/49 type, used to drive an exhauster of the D-3500-13 type. An autotransformer of the TPM-2700/6 type is used. Deficiencies of the original arrangement were removed and a new arrangement developed. Two connection diagrams.

Institution :

None

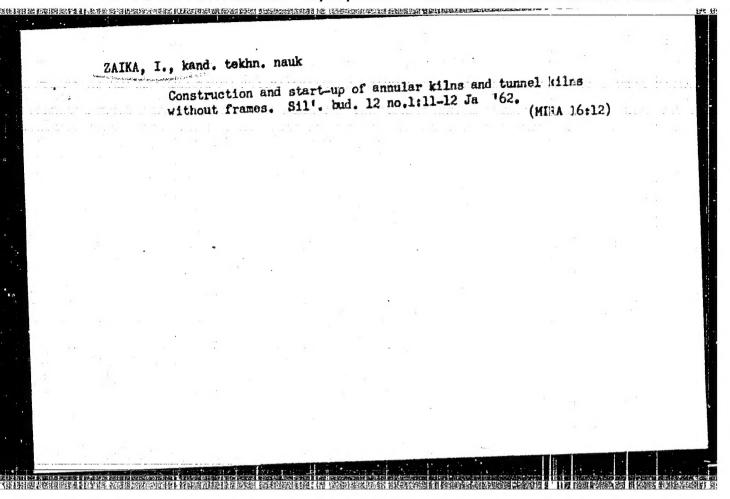
Submitted

No date

ZAIKA, I.

Tunnel oven at the Ehmel'nitekii Plant. Stroi.mat.,izdel.i konstr.
(ELHA 9:8)
2 no.6:18-19 Je '56.

1. Zaveduyushchiy teplotekhnicheskoy laboratoriyey Tesilisk Winisterstva promyshlennosti stroitel'nykh materialov.
(Kilne)



ZAJKA, I., kand. tekhn. nauk

Increasing productivity of ring kilns and the quality of products. Sil'. bud. 12 no.5:15-17 My 162. (MIRA 16:4)

(Kilns)